



AC92-A-49

Volume 1 GEOGRAPHIC AREA SERIES

Part 49

# Wisconsin

**State and County Data** 



U.S. Department of Commerce Economics and Statistics Administration BUREAU OF THE CENSUS JOBNAME: No Job Name PAGE: 1 SESS: 5 OUTPUT: Wed Dec 15 10:04:40 1993 /pssw01/disk2/economic/ac92a/0/02ack

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Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

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### Introduction

#### HISTORY

The 1992 Census of Agriculture is the 24th taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

#### **USES OF THE CENSUS**

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

#### **AUTHORITY AND AREA COVERED**

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983, covering the prior year. The 1992 census includes each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

#### **FARM DEFINITION**

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of its farm definition.

#### **COMPARABILITY OF DATA**

Data on acreages and inventories for 1992 and 1987 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

#### TABULAR PRESENTATION

**State data.** Tables 1 through 45 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 46 through 52 provide 1992 State data cross-tabulated by various farm classifications.

County data. Chapter 2 presents selected data items by county. Tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 18 through 39 include only counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

#### **SPECIAL TABULATIONS**

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, DC 20233.

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#### **CENSUS DISCLOSURE RULES**

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification is not considered a release of confidential information and is provided even though other information is withheld.

## INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

#### ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (H) Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
- (IC) Independent city.
- (L) Standard error or relative standard error of estimate is less than .05 percent.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.

### A. Highlights of the State's Agriculture: 1992 and 1987

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

Item		All farms		
пен	1992	1987	Percent change from 1987 to 1992	
Farmsnun Land in farmsa Average size of farmac	cres 15 463 551	16 606 567	-9. -6.9. 3.2	
Estimated market value of land and buildings 1:  Average per farmdol  Average per acredol	llars 210 179	182 950 826	14. 12.	
Estimated market value of all machinery and equipment 1:  Average per farmdol		54 037	22.	
Farms by size:	3 605	4 012	-10.	
10 to 49 acres 50 to 179 acres 180 to 499 acres 500 to 999 acres 1,000 to 1,999 acres	8 655 24 121 25 570 4 790	8 778 27 498 28 828 4 923	-10. -12. -11. -2. 10.	
2,000 acres or more	204	171	19.	
Harvested cropland fa	cres 10 948 614	11 618 876 69 141	-9. -5. -11. -5.	
rrigated land fa		1 850	16. 16.	
.\$1,0 Warket value of agricultural products sold	000 5 259 670	4 909 869	7.	
Average per farmdol  Crops, including nursery and greenhouse crops\$1,	000 1 126 566	936 624	18.4	
Livestock, poultry, and their products\$1,0	000 4 133 103	3 973 245	4.0	
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$24,999 \$250,000 to \$49,999	5 355 6 576 5 995 	6 039 7 505 10 678 10 491 15 223 12 818	1.0 -11.1 -12.2 -15.3 -25.1 -21.7 7.7	
\$500,000 or more	842	607	38.	
Total farm production expenses 1	,000 llars	3 638 957 48 453	10. <sup>2</sup> 22.4	
Net cash return from agricultural sales for the farm unit (see text) 1 fa \$1 Average per farmdol	.000 1 230 986	1 253 108	-9.: -1.: 8.6	
Operators by principal occupation: Farming Other	46 180 21 779	53 342 21 789	-13. (Z	
Operators by days worked off farm:  Any	28 081 18 307	30 014 18 776	-6. -2.	
ivestock and poultry: Cattle and calves inventoryfar	rms 46 052	53 315	-13.	
nun Beef cows fa	nber 3 866 998 arms 10 394	4 138 221 10 355	-6.t	
Milk cows full			8. -19. -12.	
Cattle and calves soldfa	rms 45 227 nber 1 808 889	52 816 1 982 183	-14. -8.	
Hogs and pigs inventoryfa nun	rms 6 760 nber 1 173 783	8 737 1 312 818	-22. -10.	
Hogs and pigs sold	nber 2 244 673	2 515 246	-23. -10.	
	nber 84 956	94 429	-8. -10. -38.	
Broilers and other meat-type chickens soldfar	nber 3 734 208	5 156 407 674	-27 -25. 27.	
Selected crops harvested: Corn for grain or seedfar	rms 36 674	48 665	-24.	
Corn for silage or green chopfar		311 689 830 29 080	1. -9. -1.	
Oats for grain fa	reen 10 189 877 arms 22 195	8 531 126 31 065	40. 19. -28.	
Soybeans for beansfa	cres	37 458 060 5 628	-28. -25. 59.	
bus Irish potatoes fa	cres 78 231	11 491 031 470 72 149	93. 53. -4. 8.	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	cwt 26 639 799 arms 51 238	22 003 470 60 404	21. <sup>-</sup> -15.:	
Vegetables harvested for sale (see text)far	cres 3 911 258 , dry 8 621 168 ms 4 269 cres 347 581	12 407 639	-18. -30. 2.2 5.7	

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.

#### B. Highlights of the State's Agriculture: 1992 and 1987 (Metric Measurement)

[1 acre = 0.4047 hectare. For further metric conversions, see metric conversion table in appendix E. Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

lann		All farms		
Item		1992	1987	Percent change from 1987 to 1992
Farms Land in farms Average size of farm	hectares	67 959 6 258 099 92	75 131 6 720 678 89	-9.5 -6.9 3.4
Estimated market value of land and buildings 1:  Average per farm	dollars	210 179 925	182 950 826	14.9 12.0
Estimated market value of all machinery and equipment 1: Average per farm	dollars	66 001	54 037	22.1
Farms by size: .01 to 3.84 hectares .3.85 to 20.04 hectares .20.05 to 72.67 hectares .72.68 to 202.22 hectares .20.23 to 404.65 hectares .404.66 to 809.51 hectares .809.52 hectares or more		3 605 8 655 24 121 25 570 4 790 1 014 204	4 012 8 778 27 498 28 828 4 923 921 171	-10.1 -1.4 -12.3 -11.3 -2.7 10.1 19.3
Total cropland	hectares farms	64 229 4 430 904 61 125	71 320 4 702 159 69 141	-9.9 -5.8 -11.6
Irrigated land	hectares farms hectares	3 579 025 2 146 133 890	3 777 877 1 850 115 193	-5.3 16.0 16.2
Market value of agricultural products sold Average per farm	\$1,000	5 259 670 77 395	4 909 869 65 351	7.1 18.4
Crops, including nursery and greenhouse crops Livestock, poultry, and their products	\$1,000	1 126 566 4 133 103	936 624 3 973 245	20.3 4.0
Farms by value of sales: Less than \$2,500 \$2,500 to \$4,999 \$5,000 to \$9,999 \$10,000 to \$24,999 \$50,000 to \$99,999 \$10,000 to \$249,999 \$250,000 to \$99,999 \$10,000 to \$249,999 \$500,000 or \$249,999		9 932 5 355 6 576 8 995 7 872 11 916 13 809 2 662 842	9 838 6 039 7 505 10 678 10 491 15 223 12 818 1 932 607	1.0 -11.3 -12.4 -15.8 -25.0 -21.7 7.7 37.8 38.7
Total farm production expenses 1	\$1,000	4 029 737 59 292	3 638 957 48 453	10.7 22.4
Net cash return from agricultural sales for the farm unit (see text) 1  Average per farm	\$1,000	67 964 1 230 986 18 112	75 103 1 253 108 16 685	-9.5 -1.8 8.6
Operators by principal occupation: FarmingOther		46 180 21 779	53 342 21 789	-13.4 (Z)
Operators by days worked off farm:  Any 200 days or more		28 081 18 307	30 014 18 776	-6.4 -2.5
Livestock and poultry: Cattle and calves inventory		46 052	53 315	-13.6
Beef cows	number	3 866 998 10 394 195 810 30 156 1 521 969	4 138 221 10 355 180 276 37 325 1 743 427	-6.6 .4 8.6 -19.2 -12.7
Cattle and calves sold	number	45 227 1 808 889 6 760	52 816 1 982 183 8 737	-14.4 -8.7 -22.6
Hogs and pigs sold	number	1 173 783 6 776 2 244 673	1 312 818 8 899 2 515 246	-10.6 -23.9 -10.8
Sheep and lambs inventory  Chickens 3 months old or older inventory	farms number farms number	2 444 84 956 2 860 3 734 208	2 684 94 429 4 658 5 156 407	-8.9 -10.0 -38.6 -27.6
Broilers and other meat-type chickens sold	number	504 13 686 548	674 10 761 742	–25.2 27.2
Corn for grain or seed	hectares metric tons farms	36 674 1 145 502 7 206 565 28 701	48 665 1 128 196 7 917 289 29 080	-24.6 1.5 -9.0 -1.3
Oats for grain	hectares metric tons farms hectares	379 344 9 244 104 22 195 197 628	269 821 7 739 310 31 065 274 873	40.6 19.4 –28.6 –28.1
Soybeans for beans	metric tons farms hectares	404 970 8 957 232 738	543 702 5 628 120 287	-25.5 59.2 93.5
Irish potatoes	hectares metric tons	480 618 447 31 660 1 208 361	312 735 470 29 199 998 061	53.7 -4.9 8.4 21.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (set ext)	ee farms hectares metric tons	51 238 1 582 886 7 820 994 4 269	60 404 1 936 254 11 256 024 4 177	-15.2 -18.3 -30.5 2.2

<sup>&</sup>lt;sup>1</sup>Data are based on a sample of farms.